

LEADSCREW DRIVE WITH ANNULAR-SHELL LEADSCREW

ABSTRACT OF THE DISCLOSURE

A leadscrew drive has a leadscrew follower, and a leadscrew. The leadscrew is formed as an elongated annular leadscrew shell having a thread-form outer surface. The leadscrew may be fabricated by depositing a leadscrew-shell material, such as nickel, onto a mandrel having a thread-form outer surface, so that the thread-form outer surface of the mandrel is replicated in an outer surface of the leadscrew-shell material. The mandrel may be removed, to leave a hollow leadscrew shell, or left in place.

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